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Claims*We claim:*

1. A palm office assistant comprising:

a portable computing device;

10 a scanner integrated with the portable computing device, the scanner exposing to a scanning object and generating an image thereof when the portable computing device and the scanning object have a relative motion; and

wherein the portable computing device includes an optical
15 recognition engine that receives the image and produces texts therefrom.

2. The palm office assistant of claim 1, wherein the portable computing
device includes a display screen for displaying the texts from the optical
20 recognition engine.

3. The palm office assistant of claim 2, wherein the optical recognition
engine is a software module executing in the portable computing device.

25 4. The palm office assistant of claim 1, wherein the scanner is operatively controllable through the portable computing device.

5. The palm office assistant of claim 4, wherein an image resolution of the
scanner is re-configurable through the portable computing device.

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- 5 6. The palm office assistant of claim 1, wherein the scanner includes an
optical encoder that records the relative motion between the portable
computing device and the scanning object.
- 10 7. The palm office assistant of claim 1, wherein the scanner is a contact
image sensor (CIS) including a linear sensor, an array of optical lenses,
and an illumination source.
- 15 8. A palm office assistant comprising:
a portable computing device including a display screen and an
interface;
a pen-style scanner communicating with the portable computing
device through the interface, the pen-style scanner scanning in
an image of texts on a document and reproducing the texts
through a build-in OCR engine; and
20 wherein the texts are displayed on the display screen of the portable
computing device.
- 25 9. A palm office assistant comprising:
a portable computing device including a display screen;
a linear scanner integrated with portable computing device and
exposing to a scanning document, the linear scanner including a
contact image sensor and generating an image when the linear
scanner moves across an area of the scanning document, the
area including texts, wherein the image is processed in the
portable computing device executing an OCR engine to
30 reproduce the texts; and

5 wherein the texts can be displayed on the display screen when
 requested.

10 10. The palm office assistant of claim 9, wherein the linear scanner further
 includes an optical encoder to synchronize the image being generated in
 the linear scanner.

15 11. The palm office assistant of claim 9, wherein the portable computing
 device executes one or more application to parse the texts and fill in
 appropriate fields of one or more records maintained therein.

20 12. The palm office assistant of claim 11, wherein the portable computing
 device is able to transport the one or more records to another device via
 a communication link.

25 13. The palm office assistant of claim 12, wherein the communication link is
 either a wired link or a wireless link.

 14. The palm office assistant of claim 9 wherein the portable computing
 device includes telephonic functions.

 15. The palm office assistant of claim 9, wherein the area of the scanning
 document also includes a graphic representation.